



16558  
022004  
U.S. PTO

Practitioner's Docket No. DN 03-021

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commission for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

17497 U.S. PTO  
10/783514  
022004



**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of

Inventor(s): Bernard D. Gist; Joseph Michael Schmidt

For (title): HIGH DURABILITY REFRACTORY COMPOSITION

**1. Type of Application**

This transmittal is for an original (nonprovisional) application.

**2. Papers Enclosed**

A. Required for filing date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153  
(Design) Application

Page(s) of Specification 14

Page(s) of Claims 5

Sheet(s) of Drawing(s) 0

B. Other Papers Enclosed

Page(s) of declaration and power of attorney 2

Pages of Abstract 1

Page(s) of Assignment 5

**3. Declaration or Oath**

Enclosed

Executed by:

- inventors.

**4. Language**

English

**5. Assignment**

An assignment of the invention to Specialty Minerals (Michigan) Inc. is attached. A separate "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" is also attached. A separate FORM PTO 1595 is also attached in duplicate.

**6. Fee Calculation (37 C.F.R. 1.16)**

Regular Application

CLAIMS AS FILED					
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 CFR 1.16(a) \$750.00
Total Claims (37 CFR 1.16(c))	30	- 20 =	2 x	\$18.00	\$180.00
Independent Claims (37 CFR 1.16(b))	2	- 3 =	0 x	\$84.00	\$0.00
Multiple Dependent Claim(s), if any (37 CFR 1.16(d))			+	\$270.00	\$0.00

Filing Fee Calculation \$930.00

**7. Fee Payment Being Made at This Time**

Enclosed

Filing Fee	\$ 930.00
Recording assignment	\$ 40.00

**Total Fees Enclosed** \$ 970.00

**9. Method of Payment of Fees**

Charge Account No. 13-3639 in the amount of \$ 970.00  
A duplicate of this transmittal is attached.

## **10. Authorization to Charge Additional Fees**

The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 13-3639.

37 C.F.R. 1.16(a), (f) or (g) (filing fees)

37 C.F.R. 1.16(b), (c) or (d) (presentation of extra claims)

37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 C.F.R. 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))

37 C.F.R. 1.17 (application processing fees)

## **12. Instructions as to Overpayment**

Credit Account No. 13-3639.



**SIGNATURE OF PRACTITIONER**

Marvin J. Powell  
Reg. No. 29,840  
Minerals Technologies Inc.  
1 Highland Avenue  
Bethlehem, PA 18017

Tel. No.: (610) 861-3466

Customer No.: 32975

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. DN 03-021  
MJP/air

**IN RE APPLICATION OF: Gist et al.**

**SERIAL NO.: Not yet assigned      Group Art Unit: Not yet assigned**

**FILED: Herewith      Examiner: Not yet assigned**

**FOR: HIGH DURABILITY REFRACTORY COMPOSITION**

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Alexandria, Virginia 22313-1450**

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EK793617295US

Date of Deposit February 20, 2004

I hereby state that the following *attached* paper(s) or fee(s)

NEW APPLICATION TRANSMITTAL (IN DUPLICATE) – 6 PAGES  
SPECIFICATION WITH CLAIMS AND ABSTRACT  
DECLARATION AND POWER OF ATTORNEY – 2 PAGES  
RECORDAL OF ASSIGNMENT – 1 PAGE  
RECORDATION FORM COVER SHEET (IN DUPLICATE) – 2 PAGES  
ASSIGNMENT – 2 PAGES  
INFORMATION DISCLOSURE STATEMENT – 1 PAGE  
LIST OF CITED ART (IN DUPLICATE) – 2 PAGES  
COPIES OF CITED ART  
RETURN RECEIPT POSTCARD

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to P.O. Box 1450, Arlington, Virginia 22313-1450.

Danielle S. Herrmann

